

- SHT 1 COVER SHEET
- SHT 2 MICROPROCESSOR, ROM, RAM, I/O
- SHT 3 GATE ARRAY
- SHT 4 MIOI, CLOCKS
- SHT 5 ESP 1
- SHT 6 ESP 2
- SHT 7 ESP 3
- SHT 8 ESP 4
- SHT 9 KEYPAD/OISPLAY, FOOTSWITCH INPUTS
- SHT 10 BYPASS CAPS, POWER SUPPLY CONN., UNUSED GATES
- SHT 11 CV REGAL A/O CONVERTER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	PROTOTYPE RELEASE		
2	PROTOTYPE RELEASE		
3	PROTOTYPE RELEASE		
4	PROTOTYPE RELEASE		
5	PROTOTYPE RELEASE		
6	PROTOTYPE RELEASE		
7	PROTOTYPE RELEASE		
A	RELEASED PER EDR 42-528	12-21-94	AKS
B	REVISED PER ECO 3057	2-4-95	AKS
C	REVISED PER ECO 3070	7-20-95	AKS

5. INSTALL JUMPER R80, REMOVE JUMPER R81.
4. FOR ESP VOLTAGE OF 5.25V.
INSTALL: VR2, R74, R75, C115, C116 & C121.
REMOVE: VR3 & C114.
FOR ESP VOLTAGE OF 5.00V.
INSTALL: VR3, C114 & C116.
REMOVE: VR2, R74, R75, C115 & C121.
3. ALL 0.1UF BYPASS CAPACITORS ARE 25V +80/-20% Z5U.
2. ALL CAPACITOR VALUES ARE IN MICROFARADS, 16V MINIMUM.
1. ALL RESISTOR VALUES ARE IN OHMS, 1/8W 5%.

NOTES - UNLESS SPECIFIED OTHERWISE:

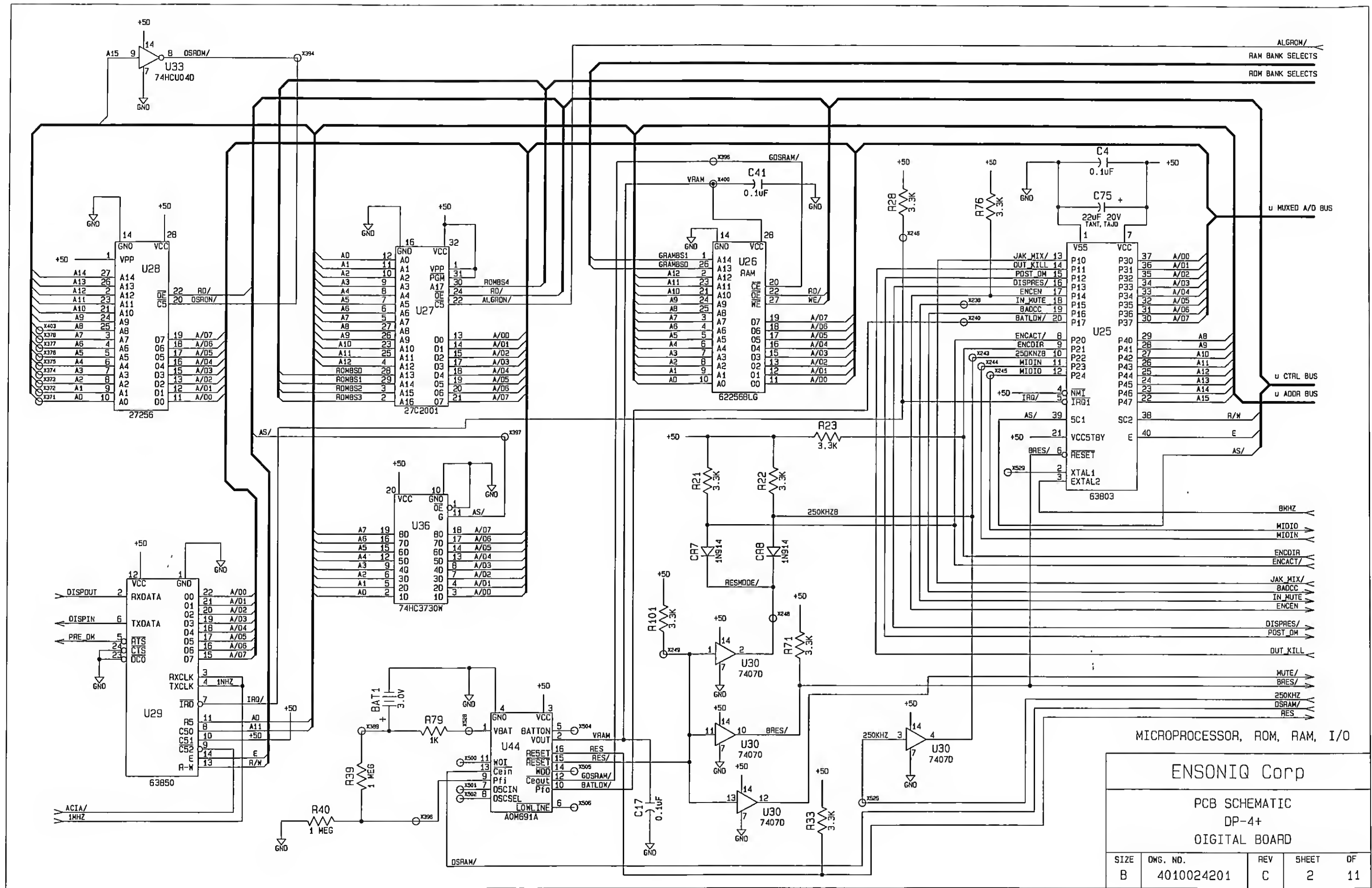
COVER SHEET

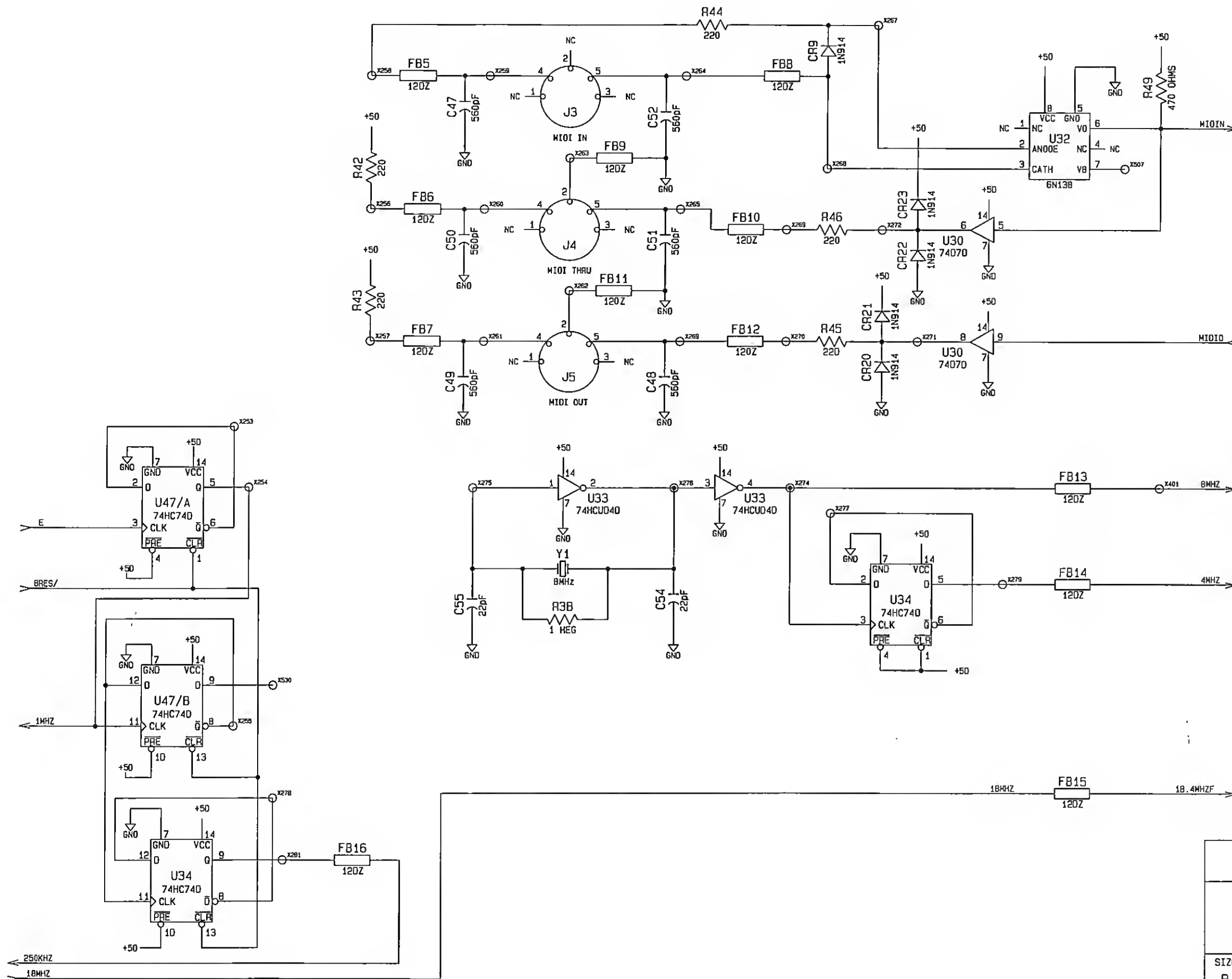
ENSONIQ Corp

155 GREAT VALLEY PKWY, MALVERN PA 19355

APPROVALS	DATE	PCB SCHEMATIC DP-4+ DIGITAL BOARD	
OWN BY: AKS	02-18-94		
CHKD BY:			
APPD BY:		SIZE 8	DWG. NO. 4010024201
USED ON: DP-4 PRO	SCALE —	SHEET 1	OF 11

REV
C





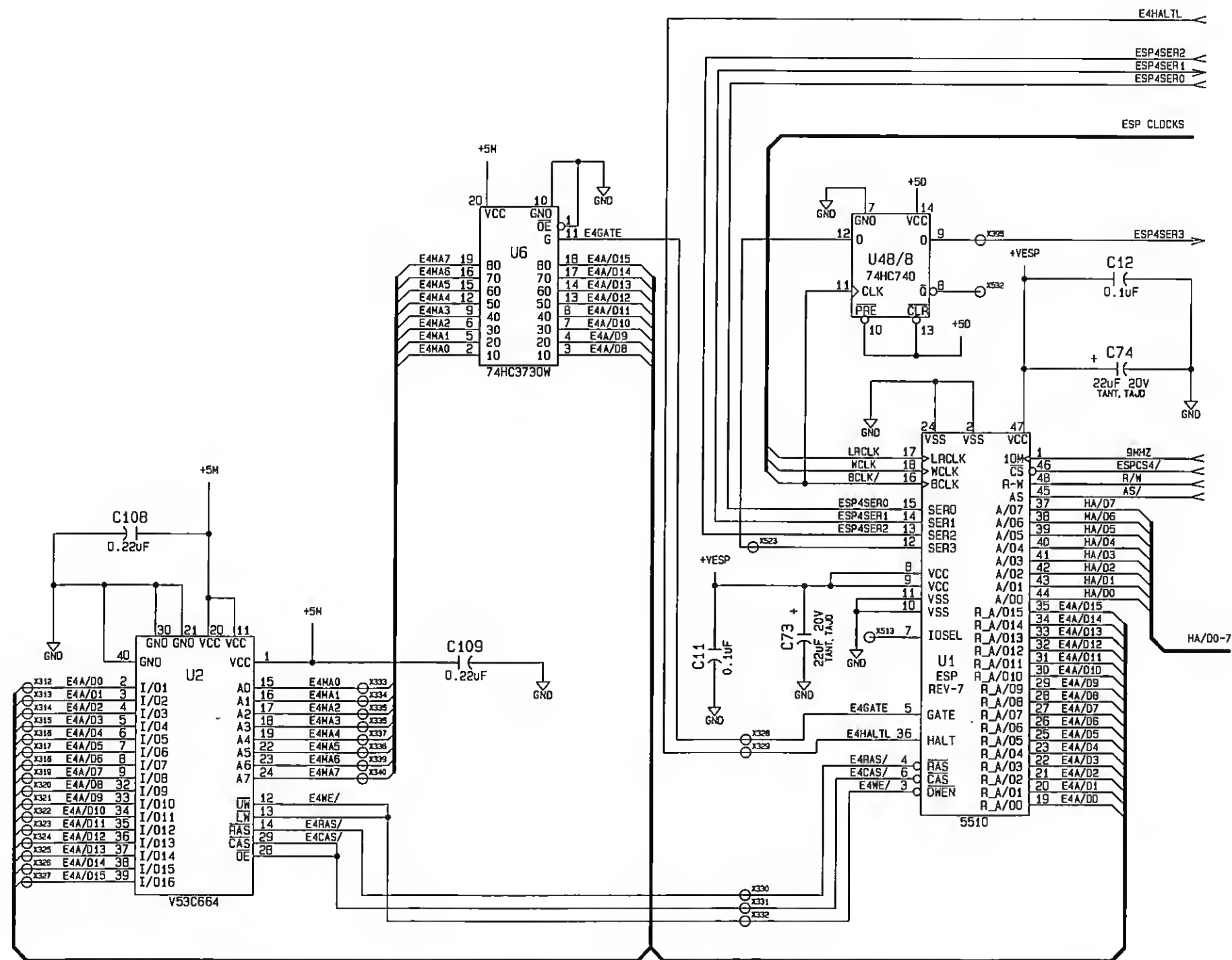
MIDI, CLOCKS

ENSONIQ Corp

PCB SCHEMATIC
DP-4+
DIGITAL BOARD

SIZE	DWG. NO.	REV	SHEET	OF
B	4010024201	C	4	11

SIZE	DWG. NO.	REV	SHEET	OF
B	4010024201	C	7	11

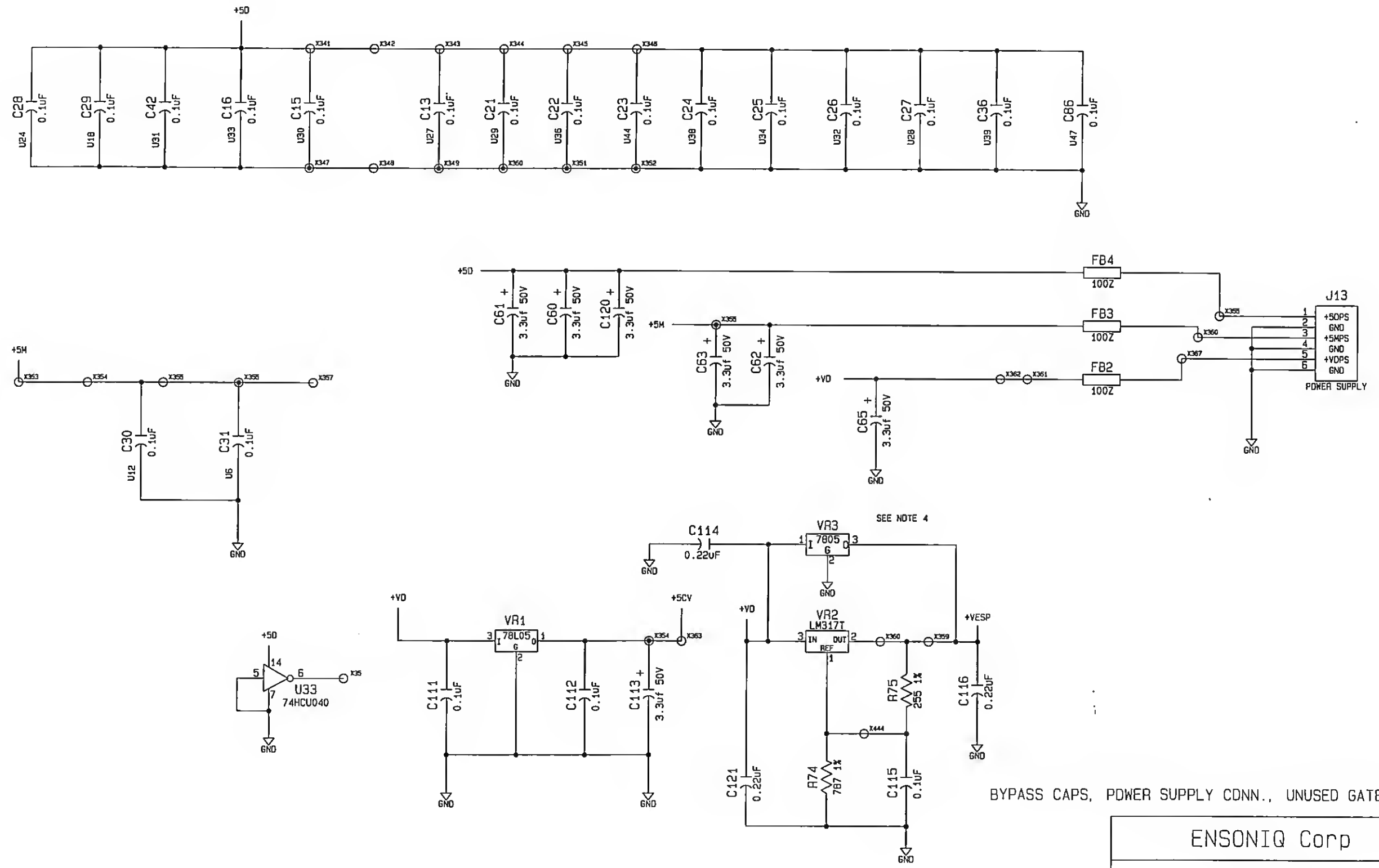


ESP 4

ENSONIQ Corp

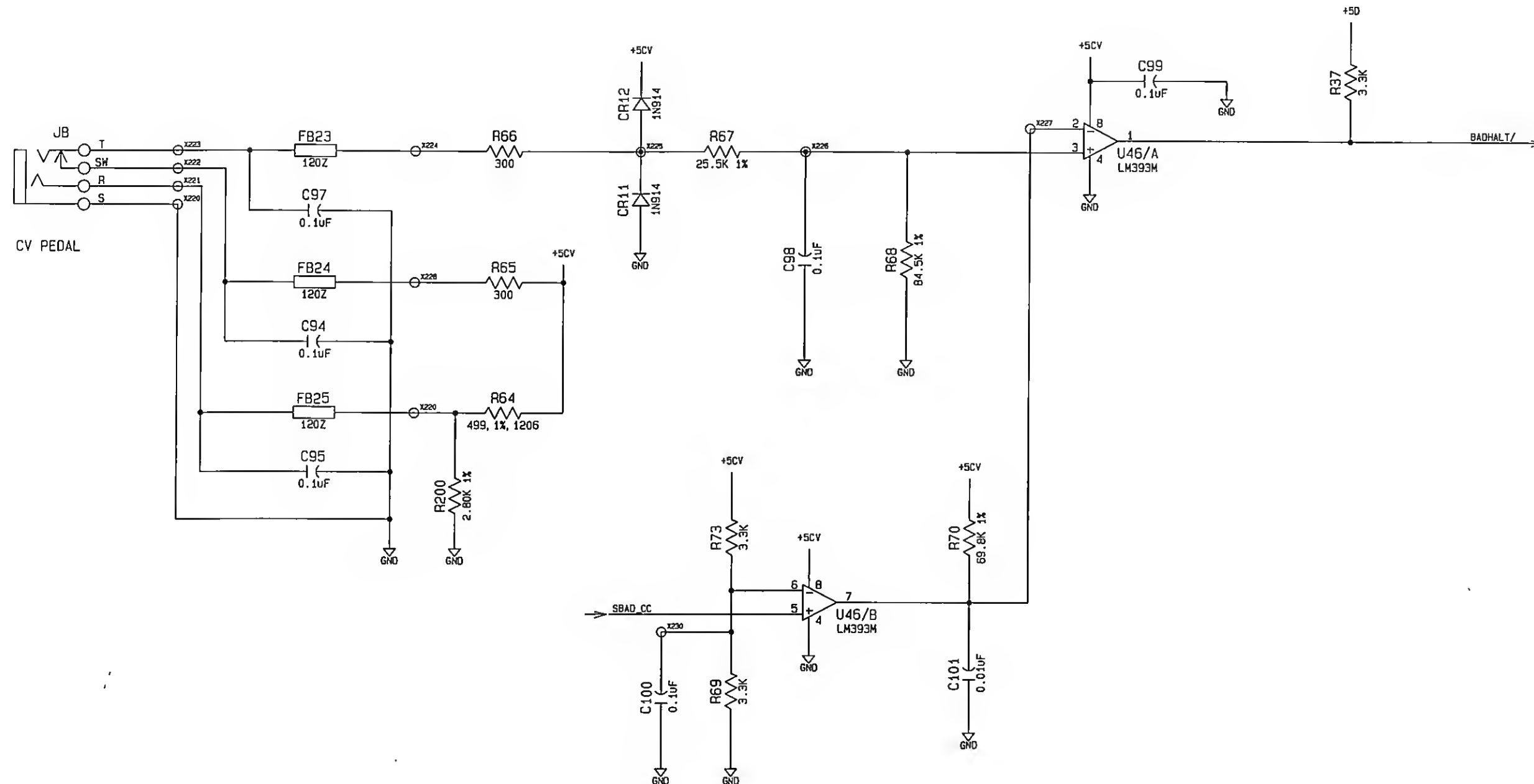
PCB SCHEMATIC
DP-4+
DIGITAL BOARD

SIZE	OWG. NO.	REV	SHEET	OF
B	4010024201	C	8	11



BYPASS CAPS, POWER SUPPLY CDNN., UNUSED GATES

ENSONIQ Corp				
PCB SCHEMATIC				
DP-4+				
DIGITAL BOARD				
SIZE	OWG. NO.	REV	SHEET	OF
B	4010024201	C	10	11



CV PEDAL A/D CONVERTER

ENSONIQ Corp

PCB SCHEMATIC
DP-4+
DIGITAL BOARD

SIZE	DWG. NO.	REV	SHEET	OF
B	4010024201	C	11	11